

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

KRENGEL et al.

Serial No.: Not Yet Assigned

Filed:

Art Unit:

For: **LIFT-AND-STRIKE WELDING
PROCESS WITH CLEANING
STAGE**Docket No.: **GER5355**

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SHARON GILDEN
(Printed name of person mailing paper or fee)

Sharon Gilden
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PRELIMINARY AMENDMENT

The Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Prior to examination of the accompanying application, please make the following amendments:

IN THE SPECIFICATION:

Please amend the text beginning on line 14 of page 1, as follows:

"~~[From DE 195 244 90, for example, a]~~ In the prior art, the lift-and strike welding process is known, wherein an aluminum weld stud is welded to a workpiece made of aluminum. ~~[According to said]~~ In such a process, ~~[a]~~ the height of lift of the weld stud ~~[is varied]~~ will vary ~~[in dependence]~~ depending upon ~~[a]~~ the measured arc voltage. It is also known ~~[from said document that,]~~ in the prior art to prevent a short circuit from being caused by melted material dripping from the weld stud, by reversing the polarity at either the weld stud or ~~[at]~~ the workpiece ~~[is reversed]~~ during the welding operation.